



#22

Modified Form PTO/SB/08A

Substitute for form 1449A/PTO		INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete If Known	
				Application Number	09/295,269
		Filing Date	4/20/1999		
		First Named Inventor	Khandros		
		Group Art Unit	2841		
		Examiner Name	K. Cuneo		
Sheet 1 of 1		Attorney Docket No.	P2D7D1-US		

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Number	Document Kind Code ²	Name of Patentee or Applicant	Publication Date	Relevant Portions

FOREIGN PATENT DOCUMENTS							
Examiner Initials ¹	Cite No. ¹	Foreign Patent Office ³	Document Number ³	Document Kind Code ²	Name of Patentee or Applicant	Publication Date	Relevant Portions

OTHER PRIOR ART - NONPATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
pl	A	WEAST, Handbook Of Chemistry and Physics (1975-1976), pp. D-171 to D-172, (CRC Press, Cleveland, Ohio)	

Examiner Signature:		Date Considered	9/8/02
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EXAMINEE: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Form PTO-1449 (Modified) Atty Docket N. : 003401.P002D7D1 <div style="text-align: center; border: 1px solid black; border-radius: 50%; padding: 5px; width: fit-content; margin: 0 auto;"> O.I.P.F.E. JUL 17 2002 </div>		Serial No.: 09/295,269 #22 5/5	
List of Patents and Publications Statement (Use several sheets if necessary) Page 2 of 5		Applicant: Igor Y. Khandros Filing Date: April 20, 1999	

REFERENCE DESIGNATION			U.S. PATENT DOCUMENTS			
Examiner Initials	Document No.	U.S. Patent Title	Class	Sub-Class	Filing date if appropriate	
m se re re re re re re re re re	AA	5,066,907	Tarzwell et al.	324	158	2/6/90
	AB	5,095,187	Gliga	219	68	12/20/89
	AC	5,123,850	Elder et al.	439	67	6/7/91
	AD	5,136,367	Chiu	357	74	8/31/90
	AE	4,918,032	Jain et al.	437	228	7/8/88
	AF	4,998,885	Beaman	439	66	10/27/89
	AG	4,705,205	Allen et al.	228	180	5/14/84
	AH	4,724,383	Hart	324	158 F	5/3/85
	AI	4,732,313	Kobayashi et al.	228	179	7/26/85
	AJ	4,751,199	Phy	437	209	1/21/87
	AK	4,757,256	Whann et al.	324	158 P	5/1/87

FOREIGN PATENT DOCUMENTS							
No.	Document No.	Date	Country	Class	Sub-Class	Translation	
m se re re re	AL	2 680 284	2/12/93	France		No	
	AM	61287254	12/17/86	Japan (Abstract)			
	AN	61244057	10/30/86	Japan (Abstract)			
	AO	WO 96/02959	2/1/96	WIPO			
	AP	1 026 876	3/27/58	Germany		No	

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
m	AR U. Renz, "Multipoint Test Probe for Printed Cards", IBM Technical Disclosure Bulletin, Vol. 17, No. 2, July 1974, pp. 2 pgs. total.
se	AS "Chip Column Package Structure", IBM Technical Disclosure Bulletin, Vol. 40, No. 08, August 1997, pp. 117-118.
re	AT Alan D. Knight, "MCM-TO-PRINTED WIRING BOARD (SECOND LEVEL) CONNECTION TECHNOLOGY OPTIONS", pp. 487-523.

Examiner <i>[Signature]</i>	Date Considered 9/8/02
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Form PTO-1449 (Modified)

Atty Docket No.:
003401.P002D7D1Serial No.: 09/295,269
4/5 #22List of Patents and Publications Statement
(Use several sheets if necessary)

Applicant: Igor Y. Khandros

Page 1 of 5

Filing Date: April 20, 1999

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Examiner Initials		Document No.		Class	Sub- Class	Filing date If appropriate
fe	AA	5,414,298	Grube et al.	257	690	3/26/93
fe	AB	5,442,282	Rostoker et al.	324	158.1	7/2/92
fe	AC	5,495,667	Famworth et al.	29	843	11/7/94
fe	AD	5,189,507	Carlomagno et al.	257	777	6/7/91
fe	AE	5,518,964	DiStefano et al.	437	209	7/7/94
fe	AF	5,557,501	DiStefano et al.	361	704	11/18/94
fe	AG	5,613,861	Smith et al.	439	81	6/7/95
fe	AH	5,007,576	Congleton et al.	228	103	12/26/89
fe	AI	5,045,410	Hiesbock et al.	428	644	7/3/89
fe	AJ	5,047,711	Smith et al.	324	158	8/23/89
fe	AK	5,059,143	Grabbe	439	886	9/8/88

FOREIGN PATENT DOCUMENTS

No.		Document No.	Date	Country	Class	Sub- Class	Trans- lation
fe	AL	1003396	3/7/83	USSR			No
fe	AM	EP 0 708 338 A2	4/24/96	Europe			
fe	AN	0 402 756 A2	12/19/90	Europe			
fe	AO	0 593 966 A1	4/27/94	Europe			
fe	AP	2 643 753	8/31/90	France			No

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

fe	AR	Shih et al., "A Novel Elastomeric Connector for Packaging Interconnections, Testing and Burn-in Applications", IEEE Journal, May 21, 1995, pp. 126-133.
fe	AS	Kong, et al., "Integrated electrostatically resonant scan tip for an atomic force microscope", J. Vac. Sci. Technol. B 11 (3), May/Jun 1993, pp. 634-641.
fe	AT	"Compliant Lead Reform Tool and Process", IBM Technical Disclosure Bulletin, Vol. 31, No. 6, November 1988, pp. 160-162

Examiner

Date Considered

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Form PTO-1449 (Modified) <div style="border: 1px solid black; border-radius: 50%; width: 100px; height: 100px; display: flex; align-items: center; justify-content: center; margin: 10px auto;"> <div style="text-align: center;"> PTO JUL 17 2002 PTO </div> </div>	Atty Docket N.: 003401.P002D7D1	S rial No.: 09/295,269 <div style="text-align: right; font-size: 2em; margin-top: -20px;"># 22</div> <div style="text-align: right; font-size: 1.5em; margin-top: 10px;">1/5</div>
List of Patents and Publications Statement (Use several sheets if necessary)		Applicant: Igor Y. Khandros
Page 3 of 5		Filing Date: April 20, 1999

REFERENCE DESIGNATION			U.S. PATENT DOCUMENTS			
Examiner Initials	Document No.	Document Title	Class	Sub-Class	Filing date if appropriate	
ke	AA 4,780,836	Miyazaki et al.	364	551.01	8/6/86	
ke	AB 4,634,199	Anhalt et al.	339	17 M	1/22/85	
ke	AC 4,523,144	Okubo et al.	324	158 P	5/21/81	
ke	AD 4,553,192	Babuka et al.	361	395	8/25/83	
ke	AE 3,795,037	Luttmer	29	628	12/11/72	
ke	AF 5,350,947	Takekawa et al.	257	702	10/28/92	
ke	AG 4,667,219	Lee et al.	357	68	4/27/84	
ke	AH 5,067,007	Kanji et al. <i>quind</i>	357	74	1/24/91	
ke	AI 5,157,325	Murphy	324	158 F	2/15/91	
ke	AJ 5,218,292	Goto	324	158 F	12/9/91	
ke	AK 5,399,982	Driller et al.	324	754	5/4/93	

FOREIGN PATENT DOCUMENTS							
No.	Document No.	Date	Country	Class	Sub-Class	Trans-lation	
ke	AL 3-142847 (A)	6/18/91	Japan			No	
ke	AM 54-146581	15/11/79	Japan			No	
ke	AN 56-26446 (A)	3/14/81	Japan			No	
ke	AO 0 500 074 A1	8/26/92	Europe				
ke	AP 0 614 089 A2	9/7/94	Europe				

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
ke	AR Beaman et al., "ELASTOMERIC CONNECTOR FOR MCM AND TEST APPLICATIONS", ICEMM Proceedings '93, pp. 341-346.
ke	AS "Cooling System for Semiconductor Modules", IBM Technical Disclosure Bulletin, August 1983, pp. 2 pgs. total.
ke	AT "Method of Testing Chips and Joining Chips to Substrates", Research Disclosure, February 1991, No. 322, pp. 1.

Examiner	Date Considered
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Form PTO-1449 (Modified) **Atty Docket No.:** 003401.P002D7D1 **Serial No.:** 09/295,269 *A 22 2/5*

List of Patents and Publications Statement
(Use several sheets if necessary)

Applicant: Igor Y. Khandros

Filing Date: April 20, 1999

Page 4 of 5

REFERENCE DESIGNATION			U.S. PATENT DOCUMENTS			
Examiner Initials		Document No.		Class	Sub-Class	Filing date if appropriate
<i>le</i>	AA	5,317,479	Pai et al.	361	773	10/1/93
<i>le</i>	AB	5,476,211	Khandros	228	180.5	11/16/93
<i>le</i>	AC	4,085,502	Ostman et al.	29	629	4/12/77
<i>le</i>	AD	4,548,451	Benarr et al.	339	17 M	4/27/84
<i>le</i>	AE	3,842,189	Southgate	174	52	1/8/73
<i>le</i>	AF	5,166,774	Banerji et al.	361	398	10/5/90
<i>le</i>	AG	5,097,100	Jackson	174	94 R	1/25/91
<i>le</i>	AH	5,071,359	Amio et al.	439	91	4/27/90
<i>le</i>	AI	2,869,040	Pifer	317	101	1/11/54
<i>le</i>	AJ	5,109,596	Driller et al.	29	705	11/13/89
<i>le</i>	AK	5,240,588	Uchida	205	125	8/27/92

FOREIGN PATENT DOCUMENTS							
No.		Document No.	Date	Country	Class	Sub-Class	Translation
<i>le</i>	AL	WO 91/12706	8/22/91	WIPO			
	AM						
	AN						
	AO						
	AP						

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)		
	AR	
	AS	
	AT	

Examiner *[Signature]* **Date Considered** *9/8/02*

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Form PTO-1449 (Rev. 10-1997)

Atty Docket No.:
003401.P002D7D1

Serial No.: 09/295,269

#22

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List of Parents and Publications Statement
(Use several sheets if necessary)

Applicant: Igor Y. Khandros

Page 5 of 5

Filing Date: April 20, 1999

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Examiner Initials	Document No.		Class	Sub- Class	Filing date if appropriate
re	3,662,454	Miller	29	470.1	3/18/70
re	4,707,657	Boegh-Petersen	324	158 F	1/12/85
re	5,525,545	Grube et al.	437	209	11/3/94
re	5,139,427	Boyd et al.	439	66	9/23/91
re	5,228,861	Grabbe	439	66	6/12/92
re	5,072,520	Nelson	29	852	10/23/90
re	5,237,743	Busacco et al.	29	885	6/19/92
re	5,245,751	Locke et al.	29	852	10/25/91
re	5,379,515	Kondo et al.	29	852	2/16/94
re	5,455,390	DiStefano et al.	174	262	2/1/94

No.

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OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

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